

## Refine Search

### Search Results -

Terms	Documents
L57 and semantic\$ AND NODE\$	1

Database:

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 EPO Abstracts Database  
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 IBM Technical Disclosure Bulletins

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### Search History

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<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L61</u>	L57 and semantic\$ AND NODE\$	1	<u>L61</u>
<u>L60</u>	147 and (mov\$ or eliminat\$ or remov\$)	1	<u>L60</u>
<u>L59</u>	L58 and eliminat\$	1	<u>L59</u>
<u>L58</u>	L57 and (remov\$ or delet\$ or subtract\$ or mov\$ or prun\$)	1	<u>L58</u>
<u>L57</u>	5175856.pn.	1	<u>L57</u>
<u>L56</u>	147 and (arrang\$ or re-arrang\$ or re arrang\$ or order\$ or re-order\$ or re order\$)	1	<u>L56</u>
<u>L55</u>	147 and (remov\$ or delet\$ or subtract\$ or mov\$ or prun\$)	1	<u>L55</u>
<u>L54</u>	L47 and call\$	1	<u>L54</u>
<u>L53</u>	L52 and outside\$	0	<u>L53</u>
<u>L52</u>	147 and (variabl\$)	1	<u>L52</u>
<u>L51</u>	L50 and (node\$ and arc)	1	<u>L51</u>
<u>L50</u>	147 and (graph\$ or direct\$)	1	<u>L50</u>

<u>L49</u>	L48 and (graphic\$ or display\$ or retriev\$)	1	<u>L49</u>
<u>L48</u>	L47 and (analy\$ near5 source\$)	1	<u>L48</u>
<u>L47</u>	5297150.pn.	1	<u>L47</u>
<u>L46</u>	L45	3	<u>L46</u>
<u>L45</u>	L44 and l20	3	<u>L45</u>
<u>L44</u>	717/141,143,144,159.ccls.	518	<u>L44</u>
<u>L43</u>	L33 AND ((remov\$ or delet\$ or omit\$) near5 (node\$ or edg\$))	2	<u>L43</u>
<u>L42</u>	l10 and (prun\$ near5 (node\$ OR EDGES\$))	1	<u>L42</u>
<u>L41</u>	l13 and (prun\$ or delet\$ or omit\$) near5 (node\$ or edg\$)	2	<u>L41</u>
<u>L40</u>	l33 and (delet\$ or cut\$ or omit\$) near5 (node\$ or edg\$ or process\$)	6	<u>L40</u>
<u>L39</u>	6381735.pn. and (delet\$ or cut\$ or omit\$) near5 node\$	1	<u>L39</u>
<u>L38</u>	l33 and (delet\$ or cut\$ or omit\$) near5 node\$	6	<u>L38</u>
<u>L37</u>	l33 and prun\$	0	<u>L37</u>
<u>L36</u>	L35	1	<u>L36</u>
<u>L35</u>	L34 and (prun\$ or delet\$ or omit\$ or subtract\$)	1	<u>L35</u>
<u>L34</u>	5175856.pn.	1	<u>L34</u>
<u>L33</u>	L32 and variabl\$	20	<u>L33</u>
<u>L32</u>	L31 and ((combin\$ or unit\$ or join\$ or collap\$ or together\$) near6 node\$)	20	<u>L32</u>
<u>L31</u>	l21 and (event\$ OR MESSAG\$)	21	<u>L31</u>
<u>L30</u>	l15 and (event\$ or messag\$)	1	<u>L30</u>
<u>L29</u>	l15 and (combin\$ or unit\$ or join\$ or collap\$ or together\$) near6 node\$	1	<u>L29</u>
<u>L28</u>	l15 and user\$	1	<u>L28</u>
<u>L27</u>	l15 and (order\$ or re-order\$ or re order\$)	1	<u>L27</u>
<u>L26</u>	l15 and (rearrang\$ or arrag\$)	0	<u>L26</u>
<u>L25</u>	L24	0	<u>L25</u>
<u>L24</u>	L15 AND colum\$	0	<u>L24</u>
<u>L23</u>	L15 AND LOGICAL\$	1	<u>L23</u>
<u>L22</u>	l15 and semantic\$	0	<u>L22</u>
<u>L21</u>	L20 and semantic\$	21	<u>L21</u>
<u>L20</u>	l14 and (prun\$ or delet\$ or omit\$ or subtract\$)	22	<u>L20</u>
<u>L19</u>	l15 and (display\$ Or retriev\$ Or graphical\$)	1	<u>L19</u>
<u>L18</u>	l15 and ((sub\$ or routine\$ or process\$ or program\$) same node\$)	1	<u>L18</u>
<u>L17</u>	L16 and (prun\$ Or delet\$ or omit\$)	0	<u>L17</u>
<u>L16</u>	L15 and variabl\$	1	<u>L16</u>
<u>L15</u>	5297150.pn.	1	<u>L15</u>
<u>L14</u>	L13 and ((direct\$ near5 graph\$) or DAG)	26	<u>L14</u>
<u>L13</u>	L12 and (graphical\$ Or display\$ or retriev\$)	40	<u>L13</u>
<u>L12</u>	l10 and (node\$ near5 source\$)	41	<u>L12</u>
<u>L11</u>	L10 and graphical\$ near8 (DAG or direct\$)	10	<u>L11</u>
<u>L10</u>	L9 and node\$ and arc\$	113	<u>L10</u>
<u>L9</u>	analy\$ near5 (source code) and (direct\$ or DAG)	375	<u>L9</u>

<u>L8</u>	Deng, yunbo.in.	0	<u>L8</u>
<u>L7</u>	Namara, yogy.in.	0	<u>L7</u>
<u>L6</u>	krishnaswamy, arvind.in.	0	<u>L6</u>
<u>L5</u>	(Iowa State University Research Foundation).asn.	753	<u>L5</u>
<u>L4</u>	(Iowa State University Research Foundation, Inc.).asn.	0	<u>L4</u>
<u>L3</u>	(Iowa state university research foundation,inc).asn.	0	<u>L3</u>
<u>L2</u>	kothari, suraj.in.	3	<u>L2</u>
<u>L1</u>	kothari.in.	42	<u>L1</u>

END OF SEARCH HISTORY

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### Search Results -

Terms	Documents
L72 and panning\$	16

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<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L73</u>	L72 and panning\$	16	<u>L73</u>
<u>L72</u>	L71 and zoom\$	16	<u>L72</u>
<u>L71</u>	panning\$ near5 (program\$ )	59	<u>L71</u>
<u>L70</u>	panning\$ near5 (program\$ or proces\$ or method\$ or statement\$)	1071	<u>L70</u>
<u>L69</u>	panning\$	4895	<u>L69</u>
<u>L68</u>	L67 and pan\$	0	<u>L68</u>
<u>L67</u>	l47 and (display\$ or graphical\$)	1	<u>L67</u>
<u>L66</u>	L65 and (cross\$ or referenc\$)	0	<u>L66</u>
<u>L65</u>	l47 and logical\$	1	<u>L65</u>
<u>L64</u>	L62 and abstract\$	0	<u>L64</u>
<u>L63</u>	L57 AND HF	1	<u>L63</u>
<u>L62</u>	l57 and semantic\$	1	<u>L62</u>
<u>L61</u>	l57 and semantic\$ AND NODE\$	1	<u>L61</u>

<u>L60</u>	l47 and (mov\$ or eliminat\$ or remov\$)	1	<u>L60</u>
<u>L59</u>	L58 and eliminat\$	1	<u>L59</u>
<u>L58</u>	L57 and (remov\$ or delet\$ or subtract\$ or mov\$ or prun\$)	1	<u>L58</u>
<u>L57</u>	5175856.pn.	1	<u>L57</u>
<u>L56</u>	l47 and (arrang\$ or re-arrang\$ or re arrang\$ or order\$ or re-order\$ or re order\$)	1	<u>L56</u>
<u>L55</u>	l47 and (remov\$ or delet\$ or subtract\$ or mov\$ or prun\$)	1	<u>L55</u>
<u>L54</u>	L47 and call\$	1	<u>L54</u>
<u>L53</u>	L52 and outside\$	0	<u>L53</u>
<u>L52</u>	l47 and (variabl\$)	1	<u>L52</u>
<u>L51</u>	L50 and (node\$ and arc)	1	<u>L51</u>
<u>L50</u>	l47 and (graph\$ or direct\$)	1	<u>L50</u>
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<u>L48</u>	L47 and (analy\$ near5 source\$)	1	<u>L48</u>
<u>L47</u>	5297150.pn.	1	<u>L47</u>
<u>L46</u>	L45	3	<u>L46</u>
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<u>L44</u>	717/141,143,144,159.ccls.	518	<u>L44</u>
<u>L43</u>	L33 AND ((remov\$ or delet\$ or omit\$) near5 (node\$ or edg\$))	2	<u>L43</u>
<u>L42</u>	l10 and (prun\$ near5 (node\$ OR EDGES\$))	1	<u>L42</u>
<u>L41</u>	l13 and (prun\$ or delet\$ or omit\$) near5 (node\$ or edg\$)	2	<u>L41</u>
<u>L40</u>	l33 and (delet\$ or cut\$ or omit\$) near5 (node\$ or edg\$ or process\$)	6	<u>L40</u>
<u>L39</u>	6381735.pn. and (delet\$ or cut\$ or omit\$) near5 node\$	1	<u>L39</u>
<u>L38</u>	l33 and (delet\$ or cut\$ or omit\$) near5 node\$	6	<u>L38</u>
<u>L37</u>	l33 and prun\$	0	<u>L37</u>
<u>L36</u>	L35	1	<u>L36</u>
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<u>L32</u>	L31 and ((combin\$ or unit\$ or join\$ or collap\$ or together\$) near6 node\$)	20	<u>L32</u>
<u>L31</u>	l21 and (event\$ OR MESSAG\$)	21	<u>L31</u>
<u>L30</u>	l15 and (event\$ or messag\$)	1	<u>L30</u>
<u>L29</u>	l15 and (combin\$ or unit\$ or join\$ or collap\$ or together\$) near6 node\$	1	<u>L29</u>
<u>L28</u>	l15 and user\$	1	<u>L28</u>
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<u>L26</u>	l15 and (rearrang\$ or arrag\$)	0	<u>L26</u>
<u>L25</u>	L24	0	<u>L25</u>
<u>L24</u>	L15 AND colum\$	0	<u>L24</u>
<u>L23</u>	L15 AND LOGICAL\$	1	<u>L23</u>
<u>L22</u>	l15 and semantic\$	0	<u>L22</u>
<u>L21</u>	L20 and semantic\$	21	<u>L21</u>

<u>L20</u>	l14 and (prun\$ or delet\$ or omit\$ or subtract\$)	22	<u>L20</u>
<u>L19</u>	l15 and (display\$ Or retriev\$ Or graphical\$)	1	<u>L19</u>
<u>L18</u>	l15 and ((sub\$ or routine\$ or process\$ or program\$) same node\$)	1	<u>L18</u>
<u>L17</u>	L16 and (prun\$ Or delet\$ or omit\$)	0	<u>L17</u>
<u>L16</u>	L15 and variabl\$	1	<u>L16</u>
<u>L15</u>	5297150.pn.	1	<u>L15</u>
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<u>L8</u>	Deng, yunbo.in.	0	<u>L8</u>
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<u>L6</u>	krishnaswamy, arvind.in.	0	<u>L6</u>
<u>L5</u>	(Iowa State University Research Foundation).asn.	753	<u>L5</u>
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<u>L3</u>	(Iowa state university research foundation,inc).asn.	0	<u>L3</u>
<u>L2</u>	kothari, suraj.in.	3	<u>L2</u>
<u>L1</u>	kothari.in.	42	<u>L1</u>

END OF SEARCH HISTORY

## Patent Assignment Abstract of Title

**Total Assignments: 1**

**Application #:** 09781638    **Filing Dt:** 02/12/2001    **Patent #:** NONE    **Issue Dt:**  
**PCT #:** NONE    **Publication #:** NONE    **Pub Dt:**

**Inventors:** Suraj C. Kothari, Aravind Krishnaswamy, Yogy Namara, Yunbo Deng

**Title:** Integrated interactive software visualization environment

**Assignment: 1**

**Reel/Frame:** 012132/0990    **Received:** 09/10/2001    **Recorded:** 09/04/2001    **Mailed:** 11/07/2001    **Pages:** 9

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

<b>Assignors:</b> <u>KOTHARI, SURAJ C.</u>	<b>Exec Dt:</b> 05/03/2001
<u>KRISHNASWAMY, ARAVIND</u>	<b>Exec Dt:</b> 08/17/2001
<u>NAMARA, YOGY</u>	<b>Exec Dt:</b> 06/11/2001
<u>DENG, YUNBO</u>	<b>Exec Dt:</b> 05/07/2001

**Assignee:** IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC.  
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**Correspondent:** SCHWEGMAN, LUNDBERG, WOESSNER ET AL  
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P.O. BOX 2938  
MINNEAPOLIS, MN 55402

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Web interface last modified: Oct. 5, 2002

## Refine Search

### Search Results -

Terms	Documents
L33 AND ((remov\$ or delet\$ or omit\$) near5 (node\$ or edg\$))	2

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<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L43</u>	L33 AND ((remov\$ or delet\$ or omit\$) near5 (node\$ or edg\$))	2	<u>L43</u>
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<u>L37</u>	l33 and prun\$	0	<u>L37</u>
<u>L36</u>	L35	1	<u>L36</u>
<u>L35</u>	L34 and (prun\$ or delet\$ or omit\$ or subtract\$)	1	<u>L35</u>
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<u>L31</u>	l21 and (event\$ OR MESSAG\$)	21	<u>L31</u>
<u>L30</u>	l15 and (event\$ or messag\$)	1	<u>L30</u>
<u>L29</u>	l15 and (combin\$ or unit\$ or join\$ or collap\$ or together\$) near6 node\$	1	<u>L29</u>
<u>L28</u>	l15 and user\$	1	<u>L28</u>
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<u>L26</u>	l15 and (rearrang\$ or arrag\$)	0	<u>L26</u>
<u>L25</u>	L24	0	<u>L25</u>
<u>L24</u>	L15 AND colum\$	0	<u>L24</u>
<u>L23</u>	L15 AND LOGICAL\$	1	<u>L23</u>
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<u>L19</u>	l15 and (display\$ Or retriev\$ Or graphical\$)	1	<u>L19</u>
<u>L18</u>	l15 and ((sub\$ or routine\$ or process\$ or program\$) same node\$)	1	<u>L18</u>
<u>L17</u>	L16 and (prun\$ Or delet\$ or omit\$)	0	<u>L17</u>
<u>L16</u>	L15 and variabl\$	1	<u>L16</u>
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